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ACCOUNT NO. 23-0975

JC05 Rec'd PCT/PTO 12 OCT 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**10/552586**

Masato YAMAMICHI et al.

: Mail Stop: PCT

Serial No. NEW

: Attorney Docket No. 2005\_1537A

Filed October 12, 2005

PARAMETER GENERATION APPARATUS,  
ENCRYPTION SYSTEM, DECRYPTION  
SYSTEM, ENCRYPTION APPARATUS,  
DECRYPTION APPARATUS, ENCRYPTION  
METHOD, DECRYPTION METHOD, AND  
PROGRAM THEREOF

[Corresponding to PCT/JP2004/005528

Filed April 14, 2004]

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a.  This Information Disclosure Statement is submitted:

ATTACHMENT C

within three months of the filing date (or of entry into the National Stage) of the **101552586** above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1)  the certification of paragraph 2 below is provided, or

(2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification

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after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office search report (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at pages 1-5,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:
5.  the International Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Masato YAMAMICHI et al.

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October 12, 2005

FORM PTO 1449 ( <i>modified</i> )  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 2005_1537A	SERIAL NO. JC05 Rec'd PNEWPTO 12 OCT 2005
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary )		APPLICANT Masato YAMAMICHI et al.	10/552586
Date Submitted to PTO: October 12, 2005		FILING DATE October 12, 2005	GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF						
	AG						
	AH						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AI	J. Silverman, "Wraps, Gaps, and Lattice Constants", NTRU Cryptosystems Technical Report, Report 11, 'online! March 15, 2001, pp. 1-6, XP002288211, retrieved from the Internet: URL: <a href="http://www.ntru.com/cryptolab/pdf/NTRUTech011_v2.pdf">http://www.ntru.com/cryptolab/pdf/NTRUTech011_v2.pdf</a> 'retrieved on July 12, 2004
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EXAMINER

DATE CONSIDERED